

Claims

1. A regulator insert (2) for valves, in particular for controlling liquid flow in a plant for central heating or air-conditioning, which insert (2) comprises inflow openings (9) and a plurality of slot-shaped outflow openings (10) extending in the axial direction of the insert and being, via a roller membrane (11), closable in response to the difference in pressure across the insert (2) under the influence of a spring (14) that seeks to keep the outflow openings (10) open, **characterised in** that the slot-shaped outflow openings (10) have at least two different lengths, whereby complete closure of at least some of the outflow openings (10) can take place only consecutively; and that at least one of the slot-shaped outflow openings (10) has such length that complete closure thereof by means of the roller membrane (11) is not possible.
- 15 2. A regulator insert according to claim 1, **characterised in** that the insert (2) is provided with a central pipe (13) being in communication with a space (15) above the roller membrane (11), which central pipe (13) is throttled by an element (16) that exhibits only a very small opening (17).
- 20 3. A regulator insert according to claim 2, **characterised in** that the opening (17) is smaller than the smallest possible opening of the slot-shaped outflow openings (10).